

Title (en)

Process for separating esters of fatty and rosin acids.

Title (de)

Scheidungsverfahren von Estern von Fettsäuren und Kolophonumsäuren.

Title (fr)

Procédé de séparation d'esters des acides gras et de colophane.

Publication

EP 0092613 A1 19831102 (EN)

Application

EP 82302057 A 19820422

Priority

US 25274581 A 19810410

Abstract (en)

An ester of a fatty acid is separated from a mixture comprising an ester of a fatty acid and an ester of a rosin acid by contacting the mixture at adsorption conditions with an adsorbent comprising silicalite, thereby selectively adsorbing the ester of a fatty acid. The fatty acid ester can be recovered from the adsorbent by desorption with a desorbent material comprising a paraffinic hydrocarbon. A simulated moving bed counter-current flow adsorption system can be used.

IPC 1-7

C07C 69/753; **C07C 67/56**

IPC 8 full level

C11B 7/00 (2006.01); **B01D 15/00** (2006.01); **B01D 15/08** (2006.01); **B01J 20/10** (2006.01); **B01J 20/34** (2006.01); **C07C 51/00** (2006.01); **C07C 51/42** (2006.01); **C07C 51/47** (2006.01); **C07C 57/12** (2006.01); **C07C 67/00** (2006.01); **C07C 67/48** (2006.01); **C07C 67/56** (2006.01); **C07C 69/003** (2006.01); **C07C 69/753** (2006.01); **C09F 1/00** (2006.01); **C09F 1/02** (2006.01); **C11B 1/00** (2006.01); **C11B 3/10** (2006.01); **C11C 1/08** (2006.01)

IPC 8 main group level

C11C (2006.01)

CPC (source: EP US)

C07C 51/47 (2013.01 - EP US); **C07C 67/56** (2013.01 - EP US); **C11C 1/08** (2013.01 - EP US); **C07C 2603/26** (2017.04 - EP US)

Citation (search report)

- "No relevant documents have been disclosed"
- "No relevant documents have been disclosed"

Cited by

GB2140708A; CN105348104A; CN102924273A; EP0178834A1

Designated contracting state (EPC)

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US 4329280 A 19820511; AT E18040 T1 19860315; CA 1165776 A 19840417; DE 3269129 D1 19860327; EP 0092613 A1 19831102; EP 0092613 B1 19860219; FI 69483 B 19851031; FI 69483 C 19860210; FI 821399 A0 19820421; FI 821399 L 19831022; JP H0129230 B2 19890608; JP S58191774 A 19831109; NO 157566 B 19880104; NO 157566 C 19880413; NO 821405 L 19831031; SU 1356966 A3 19871130; SU 1436886 A3 19881107

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